ELSEVIER

Brain Research 698 (1995) 288–290

BRAIN RESEARCH

Author Index

Akil, H., see Trujillo, K.A. (698) 69
Alonso, J.M., see San Juan, I. (698) 209
Andreasen, M. and Lambert, J.D.C.
The excitability of CA1 pyramidal cell dendrites is modulated by a local Ca^{2+}-dependent K^+-conductance (698) 193
Arsenijevic, Y., Dreifuss, J.J., Vallet, P., Marguerat, A. and Tribollet, E.
Reduced binding of oxytocin in the rat brain during aging (698) 275
Attwell, P.J.E., Kaura, S., Sigala, G., Bradford, H.F., Croucher, M.J., Jane, D.E. and Watkins, J.C.
Blockade of both epileptogenesis and glutamate release by (1S,3S)-ACPD, a presynaptic glutamate receptor agonist (698) 155

Bacon, S.J., see Gabbott, P.L.A. (698) 253
Behan, D.P., Maciejewski, D., Chalmers, D. and De Souza, E.B.
Corticotropin releasing factor binding protein (CRF-BP) is expressed in neuronal and astrocytic cells (698) 259
Bigl, V., see Härtig, W. (698) 265
Bjellerup, P., see Stenfors, C. (698) 39
Bradford, H.F., see Attwell, P.J.E. (698) 155
Brauer, K., see Härtig, W. (698) 265
Bronstein, D.M., see Trujillo, K.A. (698) 69
Brückner, G., see Härtig, W. (698) 265

Calvo, P., see San Juan, I. (698) 209
Carbary, T., see Dhillon, H.S. (698) 100
Chalmers, D., see Behan, D.P. (698) 259
Charara, A., see Parent, A. (698) 280
Chinchetru, M.A., see San Juan, I. (698) 209
Chiueh, C.C., see Sziráki, I. (698) 285
Chopp, M., see Zhang, Z.G. (698) 79
Church, J., see Sawyer, D.C. (698) 30
Coleman, P.D., see DiLoreto Jr., D.A. (698) 1
Cottrell, G.A., see McIntyre Burnham, W. (698) 180
Craig, C.R., see Gould, E.M. (698) 62
Croucher, M.J., see Attwell, P.J.E. (698) 155
Curto, K.A., see Gould, E.M. (698) 62

Day, T.A., see Smith, D.W. (698) 232
De Jong, G.I., see Harkany, T. (698) 270
Del Cerro, C., see DiLoreto Jr., D.A. (698) 1
Del Cerro, M., see DiLoreto Jr., D.A. (698) 1
Dempsey, R.J., see Dhillon, H.S. (698) 100
De Souza, E.B., see Behan, D.P. (698) 259
Dhillon, H.S., Carbary, T., Dose, J., Dempsey, R.J. and Prasad, M.R.
Activation of phosphatidylinositol bisphosphate signal transduction pathway after experimental brain injury: a lipid study (698) 100
Dickie, B.G.M., see Gabbott, P.L.A. (698) 253
DiLoreto Jr., D.A., Martzen, M.R., Del Cerro, C., Coleman, P.D. and Del Cerro, M.
Müller cell changes precede photoreceptor cell degeneration in the age-related retinal degeneration of the Fischer 344 rat (698) 1
Diosy, D., see McIntyre Burnham, W. (698) 180
Dluzen, D.E., see McDermott, J.L. (698) 248
Dose, J., see Dhillon, H.S. (698) 100
Dreifuss, J.J., see Arsenijevic, Y. (698) 275
Duelli, R., see Zeller, K. (698) 175

Finnerty, B.C., see Schneider, J.E. (698) 107
Fleming, W.W., see Gould, E.M. (698) 62
Frackowiak, J., see Mazur-Kolecka, B. (698) 217
Fukuuchi, Y., see Kobari, M. (698) 95

Gabbott, P.L.A., Dickie, B.G.M. and Bacon, S.J.
Dendritic spine density of NADPH diaphorase reactive neurons in the medial prefrontal cortex (mPFC) of the rat (698) 253
Gabriel, J.M., see Schneider, J.E. (698) 107
Gallo, R.V., see Zhen, S. (698) 121
Gershfeld, N.L., see Ginsberg, L. (698) 223
Ginsberg, L., Rafique, S., Xuereb, J.H., Rapoport, S.I. and Gershfeld, N.L.
Disease and anatomic specificity of ethanolamine plasmalogen deficiency in Alzheimer's disease brain (698) 223
Gobbi, G., see Santarelli, M. (698) 241
Gould, E.M., Curto, K.A., Craig, C.R., Fleming, W.W. and Taylor, D.A.
The role of $GABA_A$ receptors in the subsensitivity of Purkinje neurons to GABA in genetic epilepsy prone rats (698) 62
Granato, A., see Santarelli, M. (698) 241
Gulya, K., see Harkany, T. (698) 270

Haney, M., Maccari, S., Le Moal, M., Simon, H. and Piazza, P.V.
Social stress increases the acquisition of cocaine self-administration in male and female rats (698) 46
Hansson, P., see Yu, L.-C. (698) 23
Harkany, T., De Jong, G.I., Soós, K., Penke, B., Luiten, P.G.M. and Gulya, K.
β-Amyloid$_{(1-42)}$ affects cholinergic but not parvalbumin-containing neurons in the septal complex of the rat (698) 270
Härtig, W., Brückner, G., Brauer, K., Schmidt, C. and Bigl, V.
Allocation of perineuronal nets and parvalbumin-, calbindin-D_{28k}- and glutamic acid decarboxylase-immunoreactivity in the amygdala of the rhesus monkey (698) 265
Hay, M. and Lindsley, K.A.
Metabotropic glutamate receptor inhibition of visceral afferent potassium currents (698) 169
Husain, J. and Juurlink, B.H.J.
Oligodendroglial precursor cell susceptibility to hypoxia is related to poor ability to cope with reactive oxygen species (698) 86

Ichikawa, J. and Meltzer, H.Y.
DOI, a 5-$HT_{2A/2C}$ receptor agonist, potentiates amphetamine-induced dopamine release in rat striatum (698) 204

Jane, D.E., see Attwell, P.J.E. (698) 155
Janik, D., Mikkelsen, J.D. and Mrosovsky, N.
Cellular colocalization of Fos and neuropeptide Y in the intergeniculate leaflet after nonphotic phase-shifting events (698) 137
Janiri, L., see Santarelli, M. (698) 241
Jiang, N., see Zhang, Z.G. (698) 79
Johnson, M.D., see Richardson Morton, K.D. (698) 185
Jones, C.R.N., see Lane, C.M. (698) 15
Juurlink, B.H.J., see Husain, J. (698) 86

Kalra, S.P., see Xu, B. (698) 227
Kaura, S., see Attwell, P.J.E. (698) 155
Kobari, M., Fukuuchi, Y., Tomita, M., Tanahashi, N., Takeda, H. and Yokoyama, M.
Calcitonin gene-related peptide (CGRP) and the regulation of cerebral parenchymal vessels (698) 95
Kuo, J.-S., see Yang, C.-S. (698) 237
Kuschinsky, W., see Zeller, K. (698) 175

Lambert, J.D.C., see Andreasen, M. (698) 193
Lane, C.M., Jones, C.R.N., Reisine, T., Yu, L. and Lee, N.M.

Alteration of OBCAM conformation as a result of opioid receptor expression and opioid ligand treatment (698) 15
Lee, N.M., see Lane, C.M. (698) 15
Le Moal, M., see Haney, M. (698) 46
Leong, S.-K., see Ruan, R.-S. (698) 163
Levant, B.
Differential sensitivity of [^{3}H]7-OH-DPAT-labeled binding sites in rat brain to inactivation by *N*-ethoxycarbonyl-2-ethoxy-1,2-dihydroquinoline (698) 146
Li, B.-H., see Xu, B. (698) 227
Lin, N.-N., see Yang, C.-S. (698) 237
Lindsley, K.A., see Hay, M. (698) 169
Liu, B., see McDermott, J.L. (698) 248
Liu, L., see Yang, C.-S. (698) 237
Luiten, P.G.M., see Harkany, T. (698) 270
Lundeberg, T., see Yu, L.-C. (698) 23

Maccari, S., see Haney, M. (698) 46
Maciejewski, D., see Behan, D.P. (698) 259
Mantyh, P.W., see Takatsuji, K. (698) 53
Marguerat, A., see Arsenijevic, Y. (698) 275
Marsden, C.A., see Saulskaya, N. (698) 114
Martzen, M.R., see DiLoreto Jr., D.A. (698) 1
Mathé, A.A., see Stenfors, C. (698) 39
Mazur-Kolecka, B., Frackowiak, J. and Wiśniewski, H.M.
Apolipoproteins E3 and E4 induce, and transthyretin prevents accumulation of the Alzheimer's β-amyloid peptide in cultured vascular smooth muscle cells. (698) 217
McDermott, J.L., Liu, B. and Dluzen, D.E.
Tamoxifen treatment of ovariectomized mice alters dopamine release from striatal tissue fragments superfused in vitro (698) 248
McIntyre Burnham, W., Cottrell, G.A., Diosy, D. and Racine, R.J.
Long-term changes in entorhinal-dentate evoked potentials induced by electroconvulsive shock seizures in rats (698) 180
McLarnon, J.G., see Sawyer, D.C. (698) 30
Meltzer, H.Y., see Ichikawa, J. (698) 204
Mikkelsen, J.D., see Janik, D. (698) 137
Minciacchi, D., see Santarelli, M. (698) 241
Misu, Y., see Ueda, H. (698) 213
Mrosovsky, N., see Janik, D. (698) 137
Murray, M.M., see Zochodne, D.W. (698) 130

Negro, A., see San Juan, I. (698) 209

Okumura, F., see Ueda, H. (698) 213
Ovalle, S., see San Juan, I. (698) 209

Parent, A., Charara, A. and Pinault, D.
Single striatofugal axons arborizing in both pallidal segments and in the substantia nigra in primates (698) 280
Penke, B., see Harkany, T. (698) 270
Piazza, P.V., see Haney, M. (698) 46
Pinault, D., see Parent, A. (698) 280
Prasad, M.R., see Dhillon, H.S. (698) 100

Racine, R.J., see McIntyre Burnham, W. (698) 180
Rafique, S., see Ginsberg, L. (698) 223
Rapoport, S.I., see Ginsberg, L. (698) 223
Rauhala, P., see Sziráki, I. (698) 285
Reisine, T., see Lane, C.M. (698) 15
Richardson Morton, K.D., Johnson, M.D. and Van de Kar, L.D.
Serotonin and stress-induced increases in renin secretion are not blocked by sympathectomy/adrenal medullectomy but are blocked by β antagonists (698) 185
Riopelle, R.J., see Zochodne, D.W. (698) 130
Rowland, N.E., see Xu, B. (698) 227
Ruan, R.-S., Leong, S.-K. and Yeoh, K.-H.
The role of nitric oxide in facial motoneuronal death (698) 163

Sanchez, I.O., see Trujillo, K.A. (698) 69
San Juan, I., Alonso, J.M., Ovalle, S., Negro, A., Chinchetru, M.A. and Calvo, P.
Immunodetection of the large form of the γ_2 subunit of mammalian $GABA_A$ receptor (698) 209
Santarelli, M., Granato, A., Sbriccoli, A., Gobbi, G., Janiri, L. and Minciacchi, D.
Alterations of the thalamo-cortical system in rats prenatally exposed to ethanol are prevented by concurrent administration of acetyl-L-carnitine (698) 241
Sato, K., see Ueda, H. (698) 213
Saulskaya, N. and Marsden, C.A.
Extracellular glutamate in the nucleus accumbens during a conditioned emotional response in the rat (698) 114
Sawyer, D.C., McLarnon, J.G. and Church, J.
The effects of (−)- and (+)-β-cyclazocine on NMDA-evoked responses and NMDA-mediated cell damage in cultured rat hippocampal neurons (698) 30
Sbriccoli, A., see Santarelli, M. (698) 241
Schmidt, C., see Härtig, W. (698) 265
Schneider, J.E., Finnerty, B.C., Swann, J.M. and Gabriel, J.M.
Glucoprivic treatments that induce anestrus, but do not affect food intake, increase FOS-like immunoreactivity in the area postrema and nucleus of the solitary tract in Syrian hamsters (698) 107
Schröck, H., see Zeller, K. (698) 175
Senba, E., see Takatsuji, K. (698) 53
Sigala, G., see Attwell, P.J.E. (698) 155
Simon, H., see Haney, M. (698) 46
Smith, D.W. and Day, T.A.
Hypovolaemic and osmotic stimuli induce distinct patterns of c-Fos expression in the rat subfornical organ (698) 232
Soós, K., see Harkany, T. (698) 270
Stenfors, C., Bjellerup, P., Mathé, A.A. and Theodorsson, E.
Concurrent analysis of neuropeptides and biogenic amines in brain tissue of rats treated with electroconvulsive stimuli (698) 39
Swann, J.M., see Schneider, J.E. (698) 107
Sziráki, I., Rauhala, P. and Chiueh, C.C.
Novel protective effect of manganese against ferrous citrate-induced lipid peroxidation and nigrostriatal neurodegeneration in vivo (698) 285

Takatsuji, K., Senba, E., Mantyh, P.W. and Tohyama, M.
A relationship between substance P receptor and retinal fibers in the rat suprachiasmatic nucleus (698) 53
Takeda, H., see Kobari, M. (698) 95
Tanahashi, N., see Kobari, M. (698) 95
Tang, W.X., see Zhang, Z.G. (698) 79
Taylor, D.A., see Gould, E.M. (698) 62
Theodorsson, E., see Stenfors, C. (698) 39
Tohyama, M., see Takatsuji, K. (698) 53
Tomita, M., see Kobari, M. (698) 95
Tribollet, E., see Arsenijevic, Y. (698) 275
Trujillo, K.A., Bronstein, D.M., Sanchez, I.O. and Akil, H.
Effects of chronic opiate and opioid antagonist treatment on striatal opioid peptides (698) 69
Tsai, P.-J., see Yang, C.-S. (698) 237

Ueda, H., Sato, K., Okumura, F. and Misu, Y.
L-DOPA inhibits spontaneous acetylcholine release from the striatum of experimental Parkinson's model rats (698) 213

Vallet, P., see Arsenijevic, Y. (698) 275
Van de Kar, L.D., see Richardson Morton, K.D. (698) 185
Van der Sloot, P., see Zochodne, D.W. (698) 130
Vogel, J., see Zeller, K. (698) 175

Watkins, J.C., see Attwell, P.J.E. (698) 155
Wiśniewski, H.M., see Mazur-Kolecka, B. (698) 217

Xu, B., Li, B.-H., Rowland, N.E. and Kalra, S.P.
Neuropeptide Y injection into the fourth cerebroventricle stimulates c-Fos expression in the paraventricular nucleus and other nuclei in the forebrain: effect of food consumption (698) 227
Xuereb, J.H., see Ginsberg, L. (698) 223

Yang, C.-S., Lin, N.-N., Liu, L., Tsai, P.-J. and Kuo, J.-S.
Lowered brain glutathione by diethylmaleate decreased the glutamate release induced by cerebral ischemia in anesthetized rats (698) 237
Yeoh, K.-H., see Ruan, R.-S. (698) 163
Yokoyama, M., see Kobari, M. (698) 95
Yu, L., see Lane, C.M. (698) 15
Yu, L.-C., Hansson, P. and Lundeberg, T.
Opioid antagonists naloxone, β-funaltrexamine and naltrindole, but not norbinaltorphimine, reverse the increased hindpaw withdrawal latency in rats induced by intrathecal administration of the calcitonin gene-related peptide antagonist $CGRP_{8-37}$ (698) 23

Zeller, K., Duelli, R., Vogel, J., Schröck, H. and Kuschinsky, W.
Autoradiographic analysis of the regional distribution of Glut3 glucose transporters in the rat brain (698) 175

Zhang, R.L., see Zhang, Z.G. (698) 79
Zhang, Z.G., Chopp, M., Tang, W.X., Jiang, N. and Zhang, R.L.
Postischemic treatment (2–4 h) with anti-CD11b and anti-CD18 monoclonal antibodies are neuroprotective after transient (2 h) focal cerebral ischemia in the rat (698) 79
Zhen, S. and Gallo, R.V.
The role of norepinephrine in mediating luteinizing hormone release in response to blockade of κ-opioid receptors in the medial preoptic area (698) 121
Zochodne, D.W., Murray, M.M., Van der Sloot, P. and Riopelle, R.J.
Distal tibial mononeuropathy in diabetic and nondiabetic rats reared on wire cages: an experimental entrapment neuropathy (698) 130

(contents continued)

Serotonin and stress-induced increases in renin secretion are not blocked by sympathectomy/adrenal medullectomy but are blocked by β antagonists
K.D. Richardson Morton, M.D. Johnson and L.D. Van de Kar (USA) 185
The excitability of CA1 pyramidal cell dendrites is modulated by a local Ca^{2+}-dependent K^+-conductance
M. Andreasen and J.D.C. Lambert (Denmark) 193

Short communications

DOI, a 5-$HT_{2A/2C}$ receptor agonist, potentiates amphetamine-induced dopamine release in rat striatum
J. Ichikawa and H.Y. Meltzer (USA) 204
Immunodetection of the large form of the γ_2 subunit of mammalian $GABA_A$ receptor
I. San Juan, J.M. Alonso, S. Ovalle, A. Negro, M.A. Chinchetru and P. Calvo (Spain) 209
L-DOPA inhibits spontaneous acetylcholine release from the striatum of experimental Parkinson's model rats
H. Ueda, K. Sato, F. Okumura and Y. Misu (Japan) 213
Apolipoproteins E3 and E4 induce, and transthyretin prevents accumulation of the Alzheimer's β-amyloid peptide in cultured vascular smooth muscle cells.
B. Mazur-Kolecka, J. Frackowiak and H.M. Wiśniewski (USA, Poland) 217
Disease and anatomic specificity of ethanolamine plasmalogen deficiency in Alzheimer's disease brain
L. Ginsberg, S. Rafique, J.H. Xuereb, S.I. Rapoport and N.L. Gershfeld (UK, USA) 223
Neuropeptide Y injection into the fourth cerebroventricle stimulates c-Fos expression in the paraventricular nucleus and other nuclei in the forebrain: effect of food consumption
B. Xu, B.-H. Li, N.E. Rowland and S.P. Kalra (USA) 227
Hypovolaemic and osmotic stimuli induce distinct patterns of c-Fos expression in the rat subfornical organ
D.W. Smith and T.A. Day (Australia) 232
Lowered brain glutathione by diethylmaleate decreased the glutamate release induced by cerebral ischemia in anesthetized rats
C.-S. Yang, N.-N. Lin, L. Liu, P.-J. Tsai and J.-S. Kuo (R.O.C.) 237
Alterations of the thalamo-cortical system in rats prenatally exposed to ethanol are prevented by concurrent administration of acetyl-L-carnitine
M. Santarelli, A. Granato, A. Sbriccoli, G. Gobbi, L. Janiri and D. Minciacchi (Italy) 241
Tamoxifen treatment of ovariectomized mice alters dopamine release from striatal tissue fragments superfused in vitro
J.L. McDermott, B. Liu and D.E. Dluzen (USA) 248
Dendritic spine density of NADPH diaphorase reactive neurons in the medial prefrontal cortex (mPFC) of the rat
P.L.A. Gabbott, B.G.M. Dickie and S.J. Bacon (UK) 253
Corticotropin releasing factor binding protein (CRF-BP) is expressed in neuronal and astrocytic cells
D.P. Behan, D. Maciejewski, D. Chalmers and E.B. De Souza (USA) 259
Allocation of perineuronal nets and parvalbumin-, calbindin-D_{28k}- and glutamic acid decarboxylase-immunoreactivity in the amygdala of the rhesus monkey
W. Härtig, G. Brückner, K. Brauer, C. Schmidt and V. Bigl (Germany) 265
β-$Amyloid_{(1-42)}$ affects cholinergic but not parvalbumin-containing neurons in the septal complex of the rat
T. Harkany, G.I. De Jong, K. Soós, B. Penke, P.G.M. Luiten and K. Gulya (Hungary, The Netherlands) 270
Reduced binding of oxytocin in the rat brain during aging
Y. Arsenijevic, J.J. Dreifuss, P. Vallet, A. Marguerat and E. Tribollet (Switzerland) 275
Single striatofugal axons arborizing in both pallidal segments and in the substantia nigra in primates
A. Parent, A. Charara and D. Pinault (Canada) 280
Novel protective effect of manganese against ferrous citrate-induced lipid peroxidation and nigrostriatal neurodegeneration in vivo
I. Sziráki, P. Rauhala and C.C. Chiueh (USA) 285

Author Index 288